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ENGINEERING

May 25, 2018

Re: **DELAWARE STATE POLICE – TROOP 7**

Lewes, Sussex County, Delaware
2011116.01

ADDENDUM ONE

The addendum forms a part of the contract documents and modifies the original bidding documents dated May 17, 2018 as distributed at the Pre-Bid Meeting on May 22, 2018 as noted below.

PRE-BID MEETING MINUTES

- 1) Pre-Bid meeting minutes and attendance sheet are included with this addendum

GENERAL

1) Bidding Schedule

- a. **Last Day for Bidder Questions** – Wednesday June 13, 2018. Questions shall be received by 5:00 pm EST
- b. **Last Addendum Issued** – Friday June 15, 2018.
- c. **Bids Due / Bid Opening** – Wednesday June 20, at 2:00 pm EST
- d. **Last Day for Bidder Questions** – Wednesday June 13, 2018. Questions shall be received by 5:00 pm EST

2) General Contractor Bidding Requirements

a. **In order to submit a qualifying bid as a General Contractor for this project, the contractor shall:**

1. **Be listed on:** The Contractor / Subcontractor Supplemental Prequalification Registry for OMB/DFM Contract No. MJ4506000002 Department of Safety & Homeland Security New Delaware State Police Troop 7 General Construction. This is posted on the states website at: <https://dfm.delaware.gov/prequal/documents/registry-troop7.pdf>
2. **Have attended the MANDATORY Pre-Bid meeting** and have had their representative confirm attendance signing in on the sign in sheet that was announce and provided at the pre-bid meeting.
3. **The General Contractors total submitted Bid, including all alternates SHALL NOT EXCEED the listed Maximum Contract Dollar Value as listed in the projects Pre-Qualification Registry noted above.** If the bid value exceeds the Maximum Contract Dollar Value, the bid will be rejected.



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PROJECT MANUAL VOLUMES 1, 2 AND 3

- 1) **SECTION 004100 – BID FORM**
 - a. REVISE Bid Opening Time per Pre-Bid meeting to 2:00 pm
 - b. DELETE Listed Add / Deduct costs for the Unit Prices. Contractor shall fill in.
 - c. REVISE Subcontractor List – Revised Bid Form Attached
- 2) **SECTION 012200 – UNIT PRICES**
 - a. 3.1.A.2: REPLACE text with: Unit of Measurement: Cubic Yard
 - b. 3.1.B.2: REPLACE text with: Unit of Measurement: Cubic Yard
 - c. 3.1.C.2: REPLACE text with: Unit of Measurement: Cubic Yard
 - d. 3.1.D.2: REPLACE text with: Unit of Measurement: Cubic Yard
 - e. 3.1.E.2: REPLACE text with: Unit of Measurement: Cubic Yard
- 3) **SECTION 042000 – UNIT MASONRY**
 - a. DELETE Paragraph 1.6.B.1
 - b. DELETE Paragraph 1.6.B.2
 - c. DELETE Paragraph 2.2.A.2
 - d. REVISE Paragraph 2.4.B.1 – Unit Compressive Strength : 2150 psi
 - e. REVISE Paragraph 2.4.B.2 – Density Classification : Normal Weight.
 - f. REPLACE Paragraph 2.5.B.1.a.(2): Glen Gery W76
 - g. ADD Paragraph 2.5.B.C.b:
Glazed Brick Type (**BK-4**) Size (w x h x l) (1 3/4" x 3 5/8" x 11 5/8") as detailed.
 - 1) Elgin Butler – Similar to 6TCA Series
 - h. REVISE Paragraph 2.7.C.5: Wire Size for Veneer Ties: 0.187-inch diameter.
 - i. Paragraph 2.12.C DELETE "Property" and REPLACE with "Proportion"
 - j. REVISE Paragraph 2.12.C.2: For Reinforced Masonry, use Type N
 - k. REVISE Paragraph 2.12.D.2: Proportion grout in accordance with ASTM C 476, Table 1
 - l. REVISE Paragraph 2.12.D.3: Provide grout with a slump of 8 to 11 inches as measured according to ASTM C 143/C 143M
 - m. Paragraph 3.14.B: DELETE "C"
 - n. DELETE Paragraph 3.14.D
 - o. DELETE Paragraph 3.14.H
 - p. DELETE Paragraph 3.14.I
 - q. DELETE Paragraph 3.14.J
- 4) **SECTION 057000 – DECORATIVE METAL**
 - a. ADD Section
- 5) **SECTION 220719 - PLUMBING PIPING INSULATION**
 - a. REPLACE Section
- 6) **SECTION 221006 - PLUMBING PIPING SPECIALTIES**
 - a. REPLACE Section
- 7) **SECTION 230713 - DUCT INSULATION**
 - a. REPLACE Section
- 8) **SECTION 230716 - HVAC EQUIPMENT INSULATION**
 - a. REPLACE Section



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- 9) SECTION 230719 - HVAC PIPING INSULATION
 - a. REPLACE Section
- 10) SECTION 230951 - BAS BASIC MATERIALS INTERFACE DEVICES AND SENSORS
 - a. REPLACE Section
- 11) SECTION 230958 - SEQUENCE OF OPERATION
 - a. REPLACE Section
- 12) SECTION 230959 - BAS SYSTEM COMMISSIONING
 - a. REPLACE Section
- 13) SECTION 232113 – HYDRONIC PIPING
 - a. REPLACE Section
- 14) SECTION 232300 – REFRIGERANT PIPING
 - a. ADD Section
- 15) SECTION 235100 – BREECHINGS, CHIMNEYS, AND STACKS
 - a. REPLACE Section
- 16) SECTION 235216 – CONDENSING BOILERS
 - a. REPLACE Section
- 17) SECTION 237223 – PACKAGED AIR-TO-AIR ENERGY RECOVERY UNITS
 - a. REPLACE Section
- 18) SECTION 237314 – INDOOR AIR HANDLING UNITS
 - a. REPLACE Section
- 19) SECTION 238101 – TERMINAL HEAT TRANSFER UNITS
 - a. REPLACE Section
- 20) SECTION 238127 – RADIANT HEATING HYDRONIC PIPING
 - a. ADD Section
- 21) SECTION 238316 – LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
 - a. ADD Section
- 22) SECTION 260526 – GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
 - a. REPLACE Section
- 23) SECTION 260529 – HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS
 - a. REPLACE Section
- 24) SECTION 26 05 73 – POWER SYSTEM STUDIES
 - a. REPLACE Section



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- 25) SECTION 271005 – STRUCTURED CABLING FOR VOICE AND DATA – INSIDE PLANT
 - a. REPLACE Section
- 26) SECTION 28 13 11 – SECURITY MANAGEMENT SYSTEM
 - a. REPLACE Section
- 27) SECTION 28 13 17 – ACCESS CONTROL SYSTEMS AND DATABASE MANAGEMENT
 - a. REPLACE Section
- 28) SECTION 28 13 27 – ACCESS CONTROL INTERCOME SYSTEMS
 - a. REPLACE Section
- 29) SECTION 28 16 00 – INTRUSION DETECTION
 - a. REPLACE Section
- 30) SECTION 283100 – FIRE DETECTION AND ALARM SPECIFICATION
 - a. REPLACE Section

DRAWINGS

- 1) C201 – OVERALL SIGNANGE STRIPING & SITE PLAN
 - a. REVISE Site Sign types, sizes, locations
- 2) C903 – GENERAL CONSTRUCTION DETAILS
 - a. REVISE Dumpster Enclosure Detail
- 3) A003 – CEILING TYPES, ROOF TYPES AND MISC. DETAILS
 - a. ADD Soffit Detail
 - b. ADD FASCIA TYPES 1-4
 - c. ADD GWB / Resinous Floor Cove Detail
- 4) A100 – FOUNDATION PLAN
 - a. REPLACE Sheet
- 5) A101 – FIRST FLOOR PLAN
 - a. ADD Dimension near SF-7
 - b. DELETE WALL TYPE 2K IN COMMAND CONFERENCE 184
 - c. ADD Exterior Wall Tag near COMMAND CONFERNECE 184
- 6) A103 – ROOF PLAN
 - a. DELETE detail reference 2/A512
 - b. ADD Canopy
- 7) A104 – REFLECTED CEILING PLAN
 - a. REVISE ceiling height
- 8) A105 – FIRST FLOOR FINISH PLAN
 - a. DELETE WALL TYPE 2K IN COMMAND CONFERENCE 184
 - b. ADD Note to Finish Notes
 - c. ADD Key for Finish Plan



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- 9) A106 – FIRST FLOOR DIMENSION PLAN AND WALL TYPES
 - a. DELETE WALL TYPE 2K IN COMMAND CONFERENCE 184
- 10) A201 – EXTERIOR ELEVATIONS
 - a. REPLACE Sheet (The Electronic Filed was Labeled A303 in Bid Set)
- 11) A302 – BUILDING SECTIONS
 - a. 3/A302 – ADD Canopy (Refer to Reflected Ceiling Plan)
- 12) A303 – WALL SECTIONS
 - a. ADD Sheet (Electronic File Labeled A303 in Bid Set was A201)
- 13) A304 – WALL SECTIONS
 - a. 2/A304 – REVISED Roof Detail
 - b. 3/A304 – ADD Note
 - c. 4/A304 – REVISED Roof Detail
 - d. 5/A304 – REVISED Roof Details, Head / Sill Details, and ADD Note.
- 14) A305 – WALL SECTIONS
 - a. 1/A305 – ADD Note.
 - b. 2/A305 – REVISED Roof Detail
 - c. 3/A305 – ADD Notes.
- 15) A306 – WALL SECTIONS
 - a. 2/A306 – Show GWB at equipment platform
 - b. 4/A306 – Revise Wall Section
- 16) A403 – SITE STRUCTURES AND DETAILS
 - a. ADD SHEET
- 17) A501 – PLAN DETAILS
 - a. 2/A501 – ADD Insulation
 - b. 3/A501 – ADD Insulation / REVISE Detail
 - c. 5/A501 – ADD Notes
 - d. 7/A501 – REVISE Insulation, DELETE Dimension
 - e. 9/A501 – ADD Insulation
 - f. 11/A501 – REVISE Insulation
- 18) A502 – PLAN DETAILS
 - a. 1/A502 – REVISE Detail
 - b. 9/A502 – REVISE Detail
 - c. 11/A502 – REVISE Detail
- 19) A503 – PLAN DETAILS
 - a. 1/A503 – REVISE Detail
 - b. 3/A503 – REVISE Detail



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- 20) A509 – ROOF DETAILS – SIDEWALL / RAKE
 - a. 1/A509 – Show structural elements and revise air/thermal barrier
 - b. 2/A509 – Revise Fascia Type
 - c. 3/A509 – Revise Fascia Type
 - d. 4/A509 – Show structural elements and revise air/thermal barrier
 - e. 5/A509 – Revise Detail
- 21) A510 – ROOF DETAILS – OVERHANG
 - a. ADD SHEET
- 22) A511 – ROOF DETAILS – ENTRY VESTIBULE
 - a. ADD SHEET
- 23) A521 – TYPICAL MANUFACTURER’S DETAILS - PARKLEX
 - a. REPLACE SHEET
- 24) A602 – DOOR AND WINDOW TYPES AND SCHEDULES
 - a. REVISE Door Schedule
 - b. REVISE SF-7
 - c. REVISE CW-1, CW-2, CW-3
 - d. REVISE SF-5 Head, Sill, Jamb references and Note
- 25) A603 – DOOR AND WINDOW DETAILS
 - a. ADD Details – H11, H16
 - b. REVISE Dimension - H19
 - c. REVISE Detail - S8
- 26) A604 – DOOR AND WINDOW DETAILS
 - a. ADD Notes – J9
 - b. REVISE Detail – J12, J22
 - c. ADD Detail – J21
 - d. REVISE Dimension – S12
- 27) A703 – INTERIOR ELEVATIONS
 - a. 4/A703 – PROVIDE GWB Bulkhead above wall cabinets, refer to reflected ceiling plan.
- 28) A900 – 3D VIEWS
 - a. ADD SHEET
- 29) M101 – MECHANICAL – FIRST FLOOR PLAN (1 OF 2)
 - a. REVISE Ductwork in Janitors Closet and Storage Closet
- 30) M102 – MECHANICAL – FIRST FLOOR PLAN (2 OF 2)
 - a. REVISE Ductwork in Evidence Area
- 31) M106 – MECHANICAL – CEILING DIFFUSER PLAN (1 OF 2)
 - a. Lights hidden for clarity
 - b. REVISED Airflows and GRD’s



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- 32) M107 – MECHANICAL – CEILING DIFFUSER PLAN (2 OF 2)
 - a. Lights hidden for clarity
 - b. REVISED Airflows and GRD's
- 33) M108 – MECHANICAL – ROOF PLAN
 - a. DELETED ductwork on roof
- 34) M201 – MECHANICAL PIPING – FIRST PLAN (1 OF 2)
 - a. REVISED Hot Water Piping
- 35) M203 – MECHANICAL PIPING – PENTHOUSE FLOOR PLAN
 - a. Location of Hot Water DP Sensor shown
- 36) M204 – MECHANICAL – SNOW MELT PLAN
 - a. REVISED Layout
- 37) M500 – MECHANICAL CHILLED WATER SYSTEM AND HEATING HOT WATER SYSTEMS CONTROL DIAGRAM
 - a. REVISED Chilled water and heating hot water sequence of operations.
- 38) M501 – MECHANICAL – MISCELLANEOUS CONTROLS DIAGRAM
 - a. REVISED Snow Prevent sequence of operations
- 39) M502 – MECHANICAL – AHU-2, GV-2, GV-3, AND GV-4 CONTROLS DIAGRAM
 - a. REVISED Sequence of operations and graphics
- 40) M503 – MECHANICAL – AHU-1 CONTROLS DIAGRAM
 - a. REVISED Sequence of operations and graphics
- 41) M504 – MECHANICAL – AHU-4 & GV-3 CONTROLS DIAGRAM
 - a. REVISED Sequence of operations and graphics
- 42) M505 – MECHANICAL – AHU-4 & AHU-5 CONTROLS DIAGRAM
 - a. REVISED Sequence of operations and graphics
- 43) M506 – MECHANICAL – HEATING AND COOLING FLOW DIAGRAMS
 - a. Pump piping appurtenances revised to match pump connection details, GPM's revised to match schedules, 3-way valve added on AHU-1, and flow switch description updated
- 44) M507 – MECHANICAL – AHU-1 AIRFLOW DIAGRAM
 - a. REVISED Airflows for Rooms 169, 170, & 171
- 45) M512 – MECHANICAL – AHU-4 AIRFLOW DIAGRAM (3 OF 4)
 - a. REVISED Airflows for Rooms 108A, 108B, 149A, 151, & 152
- 46) M517 – MECHANICAL DETAILS (2 OF 4)
 - a. REVISED Condensate trap detail and end suction pump detail.
 - b. ADD Inline pump detail



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- 47) M600 – MECHANICAL – SCHEDULES (1 OF 3)
 - a. REVISED Pre-heat Coil Capacity
- 48) M601 – MECHANICAL – SCHEDULES (2 OF 3)
 - a. REVISED Heating Coil Capacity
- 49) M602 – MECHANICAL – SCHEDULES (3 OF 3)
 - a. REVISED Boiler Schedule
- 50) M801 – MECHANICAL – MAINTENANCE BUILDING HVAC PLANS
 - a. ADD Sheet
- 51) E101 – FLOOR PLAN – POWER AND COMMUNICATIONS – AREA A
 - a. ADD Smoke Damper and Notes
 - b. ADD Security Raceway Notes
- 52) E102 – FLOOR PLAN – POWER AND COMMUNICATIONS – AREA B
 - a. ADD Circuit for drinking fountain
- 53) E301 – PARTIAL PLANS
 - a. ADD Stub up in IT room for Telecom
- 54) E701 – DETAILS AND DIAGRAMS
 - a. Revised details
- 55) E704 – DETAILS AND DIAGRAMS
 - a. ADD security note
- 56) ES100 – ELECTRICAL – SITE PLAN
 - a. ADD – Telecom conduit routing
 - b. ADD – Conduit for future cameras
- 57) P000A – PLUMBING – EQUIPMENT SCHEDULES AND LEGEND
 - a. REVISED – Fixture and Drain schedules
- 58) P102A – PLUMBING – SERVICE PIPING – AREA A
 - a. ADD Domestic Water Make-up to Heating Water System
- 59) P102B – PLUMBING – SERVICE PIPING – AREA B AND PENTHOUSE
 - a. ADD Domestic Water Make-up to Chilled Water System
- 60) P801 – PLUMBING – MAINTENANCE BUILDING SANITARY AND SERVICE PIPING PLAN
 - a. REVISED – Trench Drains
- 61) P801 – PLUMBING – MAINTENANCE BUILDING GAS PLAN AND SCHEDULE
 - a. REVISED – Trench Drain Schedule
- 62) SEC100 – SECURITY – SYSTEM DIAGRAMS LEGEND AND ABBREVIATIONS
 - a. ADD – New plan



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- 63) SEC101A – SECURITY – FIRST FLOOR PLAN – AREA A
 - a. ADD – New plan
- 64) SEC101B – SECURITY – FIRST FLOOR PLAN – AREA B
 - a. ADD – New plan
- 65) SEC103 – SECURITY – SITE PLAN
 - a. ADD – New plan
- 66) SEC104 – SECURITY – CAMERA SCHEDULE AND SEQUENCE OF OPERATIONS
 - a. ADD – New plan
- 67) SEC801 – SECURITY – MAINTENANCE BUILDING FIRST FLOOR PLAN
 - a. ADD – New plan



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Attachments:

PRE-BID MEETING MINUTES
SECTION 004100 – BID FORM
SECTION 057000 – DECORATIVE METAL
SECTION 220719 – PLUMBING PIPING INSULATION
SECTION 221006 – PLUMBING PIPING SPECIALTIES
SECTION 230713 – DUCT INSULATION
SECTION 230716 – HVAC EQUIPMENT INSULATION
SECTION 230719 – HVAC PIPING INSULATION
SECTION 230951 – BAS BASIC MATERIALS INTERFACE DEVICES AND SENSORS
SECTION 230958 – SEQUENCE OF OPERATION
SECTION 230959 – BAS SYSTEM COMMISSIONING
SECTION 232113 – HYDRONIC PIPING
SECTION 232300 – REFRIGERANT PIPING
SECTION 235100 – BREECHINGS, CHIMNEYS, AND STACKS
SECTION 235216 – CONDENSING BOILERS
SECTION 237223 – PACKAGED AIR-TO-AIR ENERGY RECOVERY UNITS
SECTION 237314 – INDOOR AIR HANDLING UNITS
SECTION 238101 – TERMINAL HEAT TRANSFER UNITS
SECTION 238127 – SMALL SPLIT SYSTEM HEATING AND COOLING
SECTION 238316 – RADIANT HEATING HYDRONIC PIPING
SECTION 260519 – LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
SECTION 260526 – GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
SECTION 260529 – HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS
SECTION 260573 – POWER SYSTEM STUDIES
SECTION 271005 – STRUCTURED CABLING FOR VOICE AND DATA – INSIDE PLANT
SECTION 281311 – SECURITY MANAGEMENT SYSTEM
SECTION 281317 – ACCESS CONTROL SYSTEMS AND DATABASE MANAGEMENT
SECTION 281327 – ACCESS CONTROL INTERCOM SYSTEMS
SECTION 281600 – INTRUSION DETECTION
SECTION 283100 – FIRE DETECTION AND ALARM SPECIFICATION
C201 – OVERALL SIGNAGE STRIPING & SITE PLAN
C903 – GENERAL CONSTRUCTION DETAILS
A003 – CEILING TYPES, ROOF TYPES, AND MISC. DETAILS
A100 – FOUNDATION PLAN
A101 – FIRST FLOOR PLAN
A103 – ROOF PLAN
A104 – REFLECTED CEILING PLAN
A105 – FIRST FLOOR FINISH PLAN
A201 – EXTERIOR ELEVATIONS
A303 – WALL SECTIONS
A304 – WALL SECTIONS
A305 – WALL SECTIONS
A306 – WALL SECTIONS
A403 – SITE STRUCTURES AND DETAILS
A501 – PLAN DETAILS
A502 – PLAN DETAILS
A503 – PLAN DETAILS
A509 – ROOF DETAILS – SIDEWALL / RAKE



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A510 – ROOF DETAILS – OVERHANG
A511 – ROOF DETAILS – ENTRY VESTIBULE
A521 – TYPICAL MANUFACTURER’S DETAILS - PARKLEX
A602 – DOOR AND WINDOW TYPES AND SCHEDULE
A603 – DOOR AND WINDOW DETAILS
A604 – DOOR AND WINDOW DETAILS
A900 – 3D VIEWS
P000 – PLUMBING – EQUIPMENT SCHEDULES AND LEGENDS
P102A – PLUMBING – SERVICE PIPING – AREA A
P102B – PLUMBING – SERVICE PIPING – AREA B AND PENTHOUSE
P801 – PLUMBING – MAINTENANCE BUILDING – SANITARY AND SERVICE PIPING PLAN
P802 – PLUMBING – MAINTENANCE BUILDING GAS PLAN & SCHEDULES
M101 – MECHANICAL – FIRST FLOOR PLAN (1 OF 2)
M102 – MECHANICAL – FIRST FLOOR PLAN (2 OF 2)
M106 – MECHANICAL – CEILING DIFFUSER PLAN (1 OF 2)
M107 – MECHANICAL – CEILING DIFFUSER PLAN (2 OF 2)
M108 – MECHANICAL – ROOF PLAN
M201 – MECHANICAL PIPING – FIRST FLOOR PLAN (1 OF 2)
M203 – MECHANICAL PIPING – PENTHOUSE FLOOR PLAN
M204 – MECHANICAL – SNOW MELT PLAN
M500 – MECHANICAL CHILLED WATER SYSTEM AND HEATING HOT WATER SYSTEM CONTROLS DIAGRAM
M501 – MECHANICAL – MISCELLANEOUS CONTROLS DIAGRAM
M502 – MECHANICAL – AHU-2, GV-2, GV-3, AND GV-4 CONTROLS DIAGRAM
M503 – MECHANICAL – AHU-1 CONTROLS DIAGRAM
M504 – MECHANICAL – AHU-4 AND GV-3 CONTROLS DIAGRAM
M505 – MECHANICAL – AHU-4 AND AHU-5 CONTROLS DIAGRAM
M506 – MECHANICAL – HEATING AND COOLING FLOW DIAGRAM
M507 – MECHANICAL – AHU-1 AIRFLOW DIAGRAM
M512 – MECHANICAL – AHU-4 AIRFLOW DIAGRAM (3 OF 4)
M517 – MECHANICAL DETAILS (2 OF 4)
M600 – MECHANICAL – SCHEDULES (1 OF 3)
M601 – MECHANICAL – SCHEDULES (2 OF 3)
M602 – MECHANICAL – SCHEDULES (3 OF 3)
M801 – MECHANICAL – MAINTENANCE BUILDING HVAC PLANS
E101 – FLOOR PLAN – POWER AND COMMUNICATIONS – AREA A
E102 – FLOOR PLAN – POWER AND COMMUNICATIONS – AREA B
E301 – PARTIAL PLANS
E701 – DETAILS AND DIAGRAMS
E704 – DETAILS AND DIAGRAMS
ES100 – ELECTRICAL SITE PLAN
SEC100 – SECURITY – SYSTEM DIAGRAMS, LEGEND, AND ABBREVIATIONS
SEC101A – SECURITY – FIRST FLOOR PLAN AREA A
SEC101B – SECURITY – FIRST FLOOR PLAN AREA B
SEC103 – SECURITY – SITE PLAN
SEC104 – SECURITY – CAMERA SCHEDULE AND SEQUENCE OF OPERATIONS
SEC801 – SECURITY – MAINTENANCE BUILDING FIRST FLOOR PLAN

END OF ADDENDUM ONE